



ENTER 1600/2900

MAR 18 2002

RECEIVED

1646

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/982,992A

DATE: 03/05/2002
 TIME: 10:29:45

Input Set : A:\PTO.VSK.txt
 Output Set: N:\CRF3\03052002\I982992A.raw

ENTERED

3 <110> APPLICANT: PATTI, Joseph M. et al.
 5 <120> TITLE OF INVENTION: MONOCLONAL ANTIBODIES TO THE MAP PROTEIN AND METHOD OF USE
 IN TREATING

6 AND PREVENTING INFECTIONS
 8 <130> FILE REFERENCE: P06922US02/BAS
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/982,992A
 C--> 10 <141> CURRENT FILING DATE: 2001-10-22

10 <150> PRIOR APPLICATION NUMBER: 60/277,287
 11 <151> PRIOR FILING DATE: 2001-03-21
 13 <150> PRIOR APPLICATION NUMBER: 60/241,832
 14 <151> PRIOR FILING DATE: 2000-10-20
 16 <160> NUMBER OF SEQ ID NOS: 6
 18 <170> SOFTWARE: PatentIn version 3.0

20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 396
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Staphylococcus aureus
 25 <400> SEQUENCE: 1

26	atgagaggat	cgcacaccca	tcaccatcac	ggatcccaga	ttccatatac	aatcactgtg	60
28	aatggtacaa	gccaaaacat	tttatcaagc	ttaacattta	ataagaatca	acaaattagt	120
30	tataaagata	tagagaataa	agttaaatca	gttttatact	ttaatagagg	tattagtgtat	180
32	atcgatttaa	gactttctaa	gcaagcaaaa	tacacggttc	attttaagaa	tggaacaaaa	240
34	agagttgtcg	atttgaaagc	aggcattcac	acagccgact	taatcaatac	aagtgcacatt	300
36	aaagcaatta	gtgttaacgt	agatactaaa	aagcaagtga	aagataaaga	ggcaaaagca	360
38	aatgttgctg	acctgcagcc	aagcttaatt	agctga			396

41 <210> SEQ ID NO: 2
 42 <211> LENGTH: 131
 43 <212> TYPE: PRT
 44 <213> ORGANISM: Staphylococcus aureus
 46 <400> SEQUENCE: 2

48	Met	Arg	Gly	Ser	His	His	His	His	His	Gly	Ser	Gln	Ile	Pro	Tyr
49	1				5					10				15	
51	Thr	Ile	Thr	Val	Asn	Gly	Thr	Ser	Gln	Asn	Ile	Leu	Ser	Ser	Leu
52				20					25				30		
54	Phe	Asn	Lys	Asn	Gln	Gln	Ile	Ser	Tyr	Lys	Asp	Ile	Glu	Asn	Lys
55			35						40				45		
57	Lys	Ser	Val	Leu	Tyr	Phe	Asn	Arg	Gly	Ile	Ser	Asp	Ile	Asp	Leu
58		50					55				60				
60	Leu	Ser	Lys	Gln	Ala	Lys	Tyr	Thr	Val	His	Phe	Lys	Asn	Gly	Thr
61	65					70				75				80	
63	Arg	Val	Val	Asp	Leu	Lys	Ala	Gly	Ile	His	Thr	Ala	Asp	Leu	Ile
64				85					90				95		
66	Thr	Ser	Asp	Ile	Lys	Ala	Ile	Ser	Val	Asn	Val	Asp	Thr	Lys	Lys
67				100					105				110		

RAW SEQUENCE LISTING

DATE: 03/05/2002

PATENT APPLICATION: US/09/982,992A

TIME: 10:29:45

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\03052002\I982992A.raw

```

69 Val Lys Asp Lys Glu Ala Lys Ala Asn Val Val Asp Leu Gln Pro Ser
70      115      120      125
72 Leu Ile Ser
73      130
75 <210> SEQ ID NO: 3
76 <211> LENGTH: 336
77 <212> TYPE: DNA
78 <213> ORGANISM: Staphylococcus aureus
80 <400> SEQUENCE: 3
81 gatgttttga tgacccaac tccactctcc ctgcctgtca gtcttggaga tcaagcctcc      60
83 atctcttgca gatctagtca gaatatgtct tttagtgatg gaaccaccta tttagaatgg      120
85 tacctgcaga aaccaggcca gtctccaaag ctctgatctt acaaagtttc caaccgattt      180
87 tctgggggtcc cagacagggt cagtggcagt ggatcaggga cagatttcac actcaagatc      240
89 agcagtgtgg aggtcgagga tctgggagtt tattactgct ttcaaggttc acatgttccg      300
91 ctcacgttcg gtgctgggac caagctggag ttgaat      336
94 <210> SEQ ID NO: 4
95 <211> LENGTH: 112
96 <212> TYPE: PRT
97 <213> ORGANISM: Staphylococcus aureus
98 <400> SEQUENCE: 4
101 Asp Val Leu Met Thr Gln Thr Pro Leu Ser Leu Pro Val Ser Leu Gly
102 1      5      10      15
104 Asp Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Asn Ile Ala Phe Ser
105      20      25      30
107 Asp Gly Thr Thr Tyr Leu Glu Trp Tyr Leu Gln Lys Pro Gly Gln Ser
108      35      40      45
110 Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
111      50      55      60
113 Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
114 65      70      75      80
116 Ser Ser Val Glu Ala Glu Asp Leu Gly Val Tyr Tyr Cys Phe Gln Gly
117      85      90      95
119 Ser His Val Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Asn
120      100      105      110
122 <210> SEQ ID NO: 5
123 <211> LENGTH: 351
124 <212> TYPE: DNA
125 <213> ORGANISM: Staphylococcus aureus
127 <400> SEQUENCE: 5
128 caggtccaac tgcagcagcc tggggctgag ctggtgaggc ctgggacttc agtgaaactg      60
130 tcctgcaagg ctctctggcta cagttcacc agctactgga tgagctggac taagcagagg      120
132 cctgaccaag gccttgagtg gattggaaga attgacctt acgatagtga aactcactac      180
134 aatcaaaaagt tcaaggacaa ggtcatattg actgtggaca aatcctccag cacagcctac      240
136 atgcaactca gcagcctgac atctgaggac tctgcggtct attactgtgc aagattggtc      300
138 cccactcca cggactactg gggccaaggc accactctca cagtctctc a      351
141 <210> SEQ ID NO: 6
142 <211> LENGTH: 117
143 <212> TYPE: PRT
144 <213> ORGANISM: Staphylococcus aureus

```

RAW SEQUENCE LISTING

DATE: 03/05/2002

PATENT APPLICATION: US/09/982,992A

TIME: 10:29:45

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\03052002\I982992A.raw

146 <400> SEQUENCE: 6

```

148 Gln Val Gln Leu Gln Gln Pro Gly Ala Glu Leu Val Arg Pro Gly Thr
149 1          5          10          15
151 Ser Val Lys Leu Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
152          20          25          30
154 Trp Met Ser Trp Thr Lys Gln Arg Pro Asp Gln Gly Leu Glu Trp Ile
155          35          40          45
157 Gly Arg Ile Asp Pro Tyr Asp Ser Glu Thr His Tyr Asn Gln Lys Phe
158          50          55          60
160 Lys Asp Lys Val Ile Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
161 65          70          75          80
163 Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
164          85          90          95
166 Ala Arg Leu Val Pro His Ser Thr Asp Tyr Trp Gly Gln Gly Thr Thr
167          100         105         110
169 Leu Thr Val Ser Ser
170          115

```

VERIFICATION SUMMARY

DATE: 03/05/2002

PATENT APPLICATION: US/09/982,992A

TIME: 10:29:46

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\03052002\I982992A.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date